What’s the way that I Refactor if(){}, else if(){}, When both of them have an if(){} in them (With the same conditions)?

After Refactoring the parent if(){} and else if(){} (Or two else if(){}) with each other,

Then we put one of the inner if(){} inside, Since they’re the same condition wise,

But then we Refactor the code within them, By using the ? operator,

We put the condition of one of the parents to the ? Operator’s left,

The code of the parent that would’ve been executed to its right, With a colon|:|to its right,

Then we put the code that would’ve been executed in if the condition of the other parent were met to the right of the colon|:|.

Here’s an example :

Normal Code :

const number = 20

if(number < 30){

console.log(`${number} is smaller than 30`)

If(number % 2 === 0){

console.log(`${number} is even and smaller than 30`)

}

}

else if(number > 30) {

console.log(`${number} is bigger than 30`)

If(number % 2 === 0){

console.log(`${number} is even and bigger than 30`)

}

}

Refactored Code :

If(number < 30 || number > 30){

number < 30 ? console.log(`${number} is smaller than 30`) : console.log(`${number} is bigger than 30`)

If(number % 2 === 0){

number < 30 ? console.log(`${number} is even and smaller than 30`) : console.log(`${number} is even and bigger than 30`)

}

}